

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120821\
 Data File : BN017826.D
 Acq On : 09 Dec 2021 08:46
 Operator : CG/JU
 Sample : M4922-14
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP06-20211130

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/10/2021
 Supervised By :mohammad ahmed 12/15/2021

Quant Time: Dec 10 01:52:37 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN120721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 08 01:18:09 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.715	152	20706	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	84500	0.400	ng	0.00
13) Acenaphthene-d10	14.347	164	57743	0.400	ng	0.00
19) Phenanthrene-d10	17.092	188	121978	0.400	ng	0.00
29) Chrysene-d12	21.293	240	105623	0.400	ng	# 0.01
35) Perylene-d12	23.586	264	79849	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.336	112	5530	0.111	ng	0.00
5) Phenol-d6	6.903	99	3084	0.065	ng	0.00
8) Nitrobenzene-d5	8.859	82	15287	0.272	ng	0.00
11) 2-Methylnaphthalene-d10	12.090	152	41974	0.249	ng	0.00
14) 2,4,6-Tribromophenol	15.844	330	6055	0.201	ng	0.00
15) 2-Fluorobiphenyl	12.964	172	63468	0.300	ng	0.00
27) Fluoranthene-d10	19.129	212	143685	0.352	ng	0.00
31) Terphenyl-d14	19.730	244	117904	0.520	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.270	88	8776m	1.151	ng	
25) Phenanthrene	17.129	178	8358	0.026	ng	99
34) Bis(2-ethylhexyl)phtha...	21.219	149	58106	0.394	ng	94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

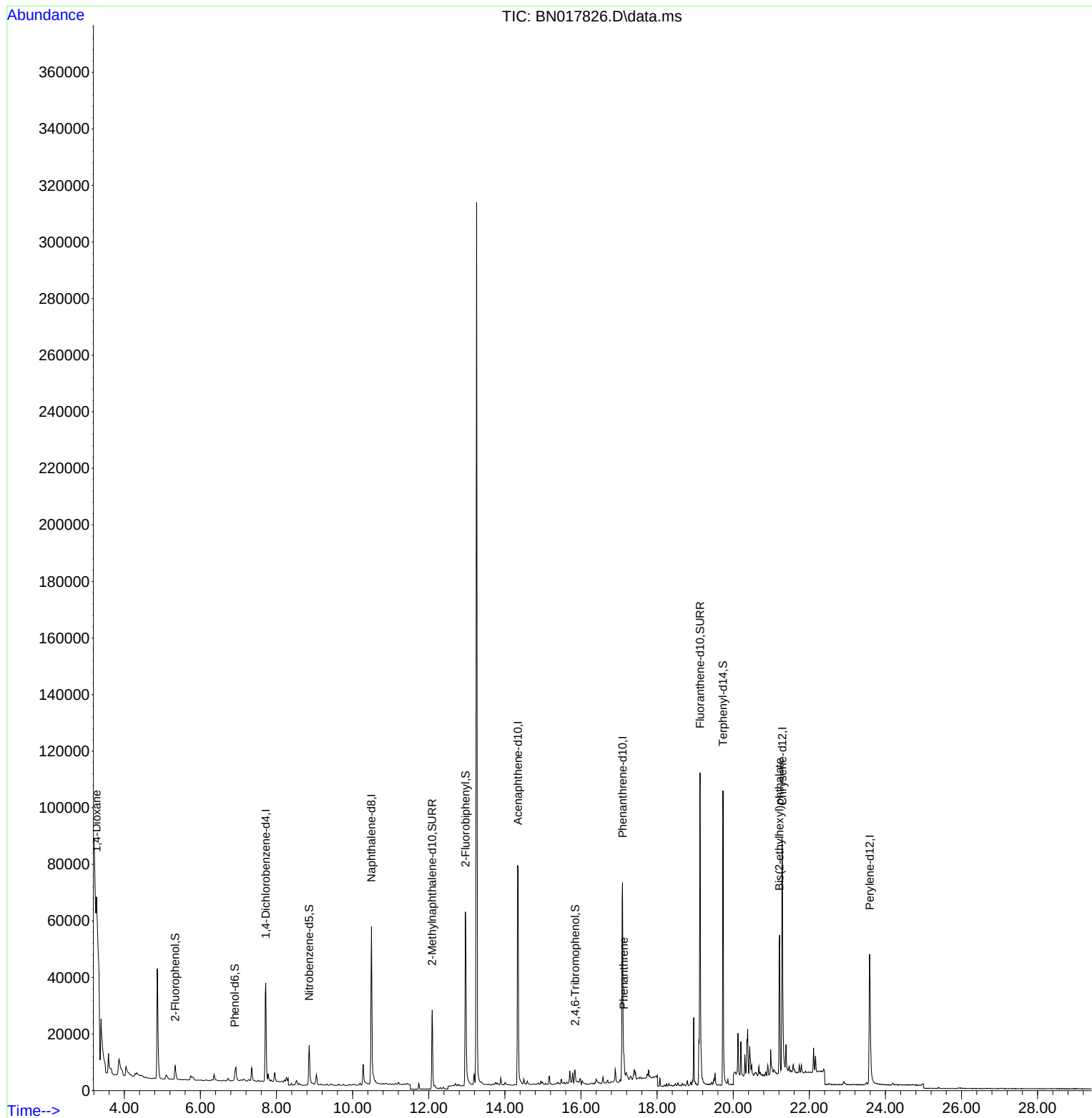
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Data File : BN017826.D
Acq On : 09 Dec 2021 08:46
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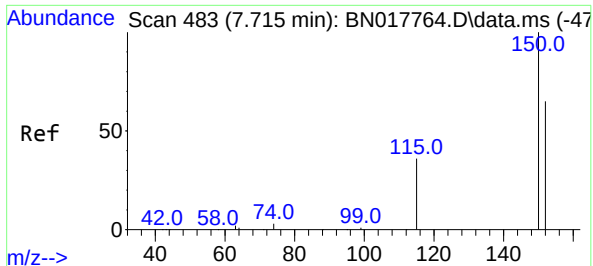
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Quant Time: Dec 10 01:52:37 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN120721.M
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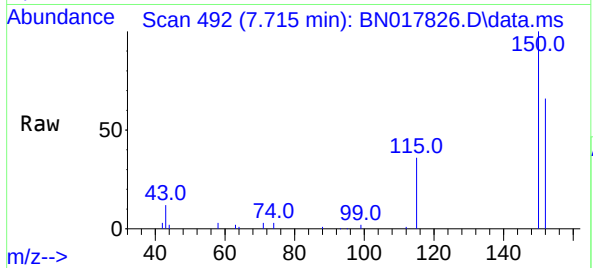
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Supervised By :mohammad ahmed 12/15/2021





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.715 min Scan# 492
Delta R.T. -0.000 min
Lab File: BN017826.D
Acq: 09 Dec 2021 08:46

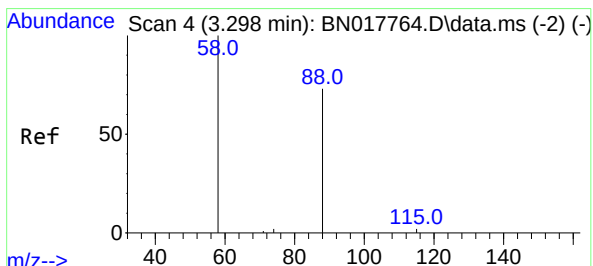
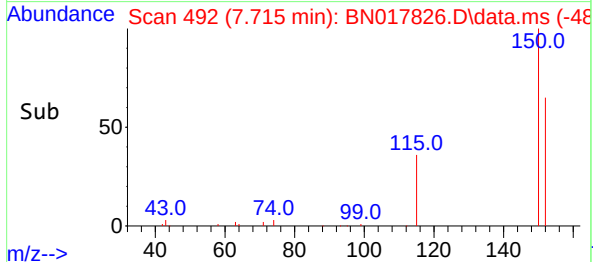
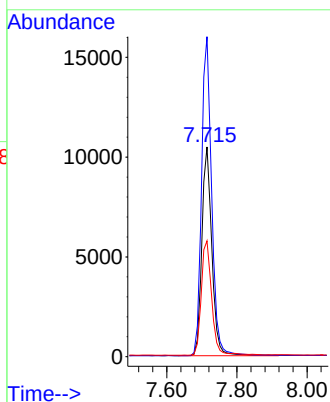
Instrument :
BNA_N
ClientSampleId :
DUP06-20211130



Tgt Ion:152 Resp: 20700
Ion Ratio Lower Upper
152 100
150 152.5 123.0 184.4
115 55.2 45.3 67.9

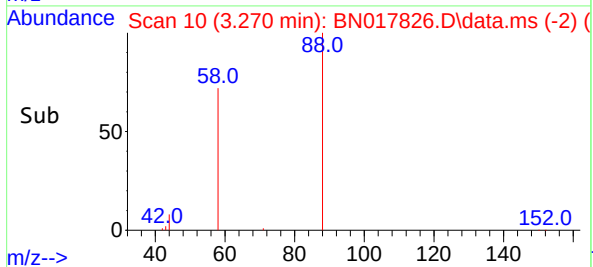
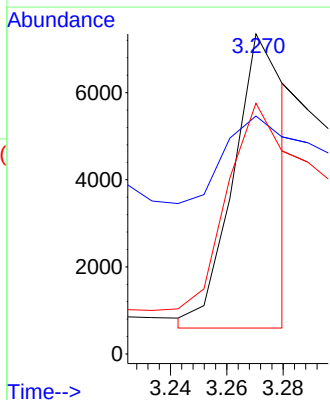
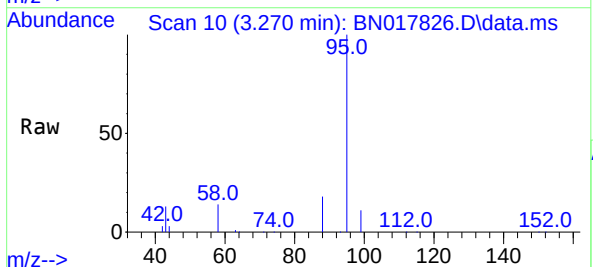
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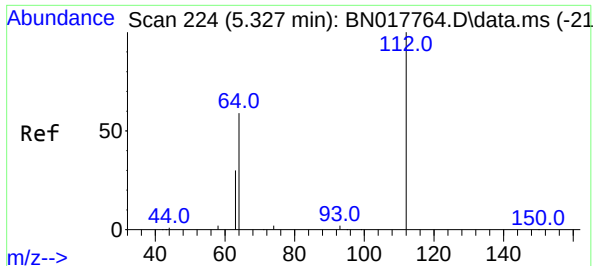
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#2
1,4-Dioxane
Concen: 1.151 ng m
RT: 3.270 min Scan# 10
Delta R.T. -0.028 min
Lab File: BN017826.D
Acq: 09 Dec 2021 08:46

Tgt Ion: 88 Resp: 8776
Ion Ratio Lower Upper
88 100
43 61.2 0.0 0.0#
58 153.7 0.0 0.0#





#4
2-Fluorophenol
Concen: 0.111 ng
RT: 5.336 min Scan# 21
Delta R.T. 0.009 min
Lab File: BN017826.D
Acq: 09 Dec 2021 08:46

Instrument :

BNA_N

ClientSampleId :

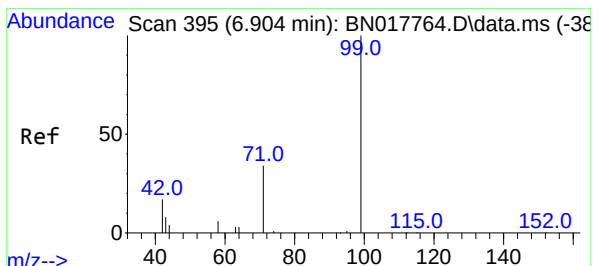
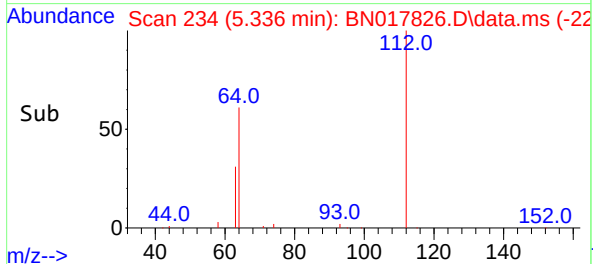
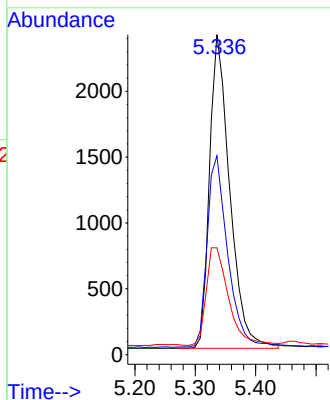
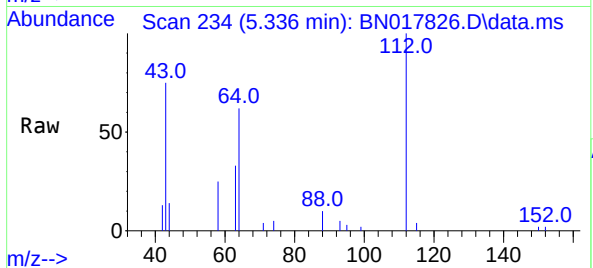
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Tgt Ion:112 Resp: 5530
Ion Ratio Lower Upper
112 100
64 61.9 49.3 73.9
63 34.5 25.8 38.8

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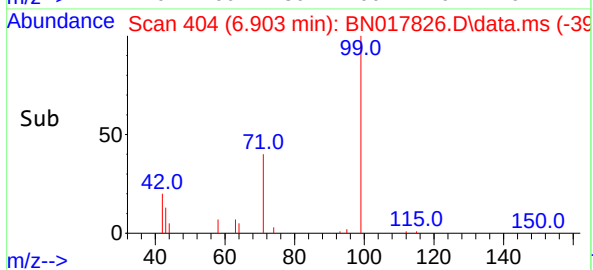
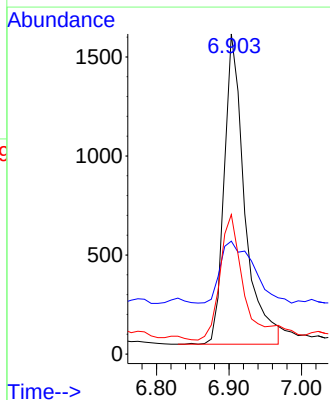
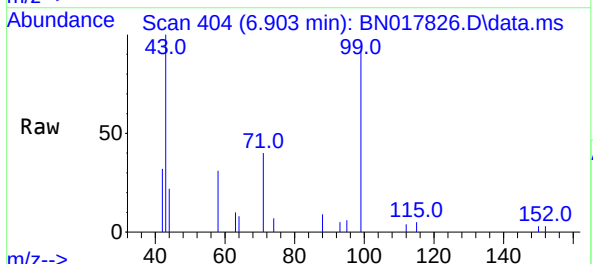
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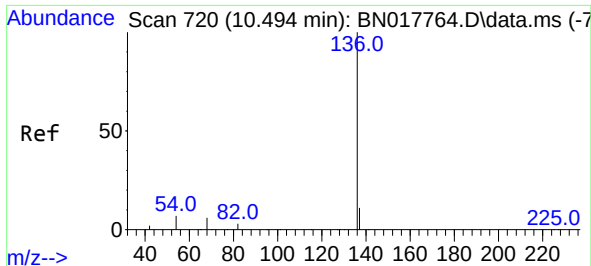
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#5
Phenol-d6
Concen: 0.065 ng
RT: 6.903 min Scan# 404
Delta R.T. -0.000 min
Lab File: BN017826.D
Acq: 09 Dec 2021 08:46

Tgt Ion: 99 Resp: 3084
Ion Ratio Lower Upper
99 100
42 31.7 16.6 25.0#
71 44.7 29.0 43.4#





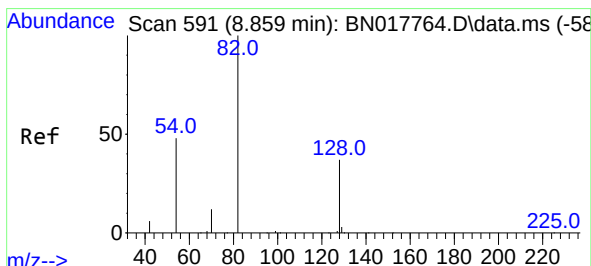
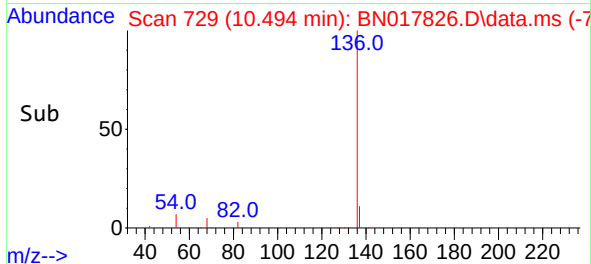
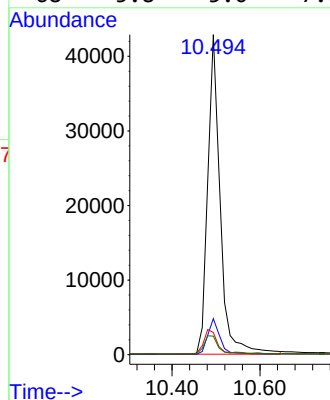
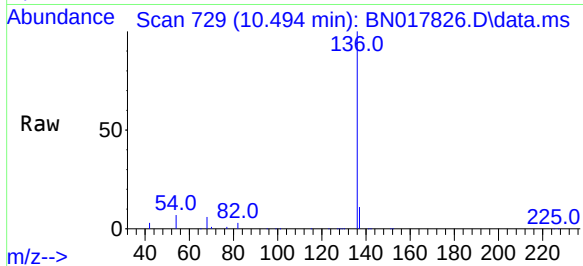
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 71
Delta R.T. -0.000 min
Lab File: BN017826.D
Acq: 09 Dec 2021 08:46

Instrument :
BNA_N
ClientSampleId :
DUP06-20211130

Tgt Ion:	136	Resp:	84500
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	7.0	5.9	8.9
68	5.8	5.0	7.6

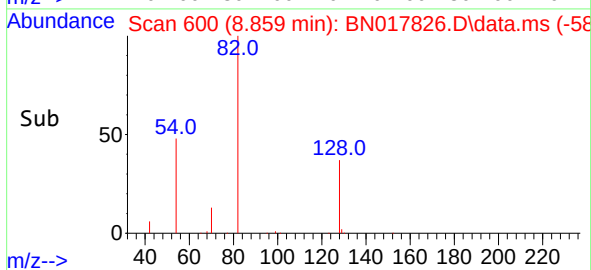
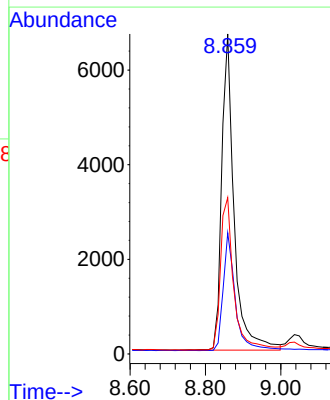
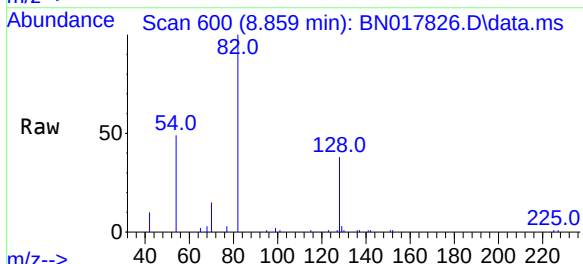
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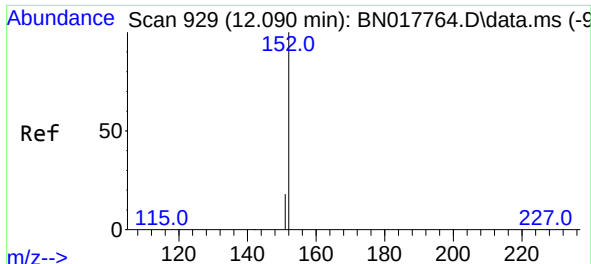
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Supervised By :mohammad ahmed 12/15/2021



#8
Nitrobenzene-d5
Concen: 0.272 ng
RT: 8.859 min Scan# 600
Delta R.T. -0.000 min
Lab File: BN017826.D
Acq: 09 Dec 2021 08:46

Tgt Ion:	82	Resp:	15287
Ion	Ratio	Lower	Upper
82	100		
128	37.9	30.2	45.2
54	48.9	39.0	58.6





#11
2-Methylnaphthalene-d10
Concen: 0.249 ng
RT: 12.090 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN017826.D
Acq: 09 Dec 2021 08:46

Instrument :

BNA_N

ClientSampleId :

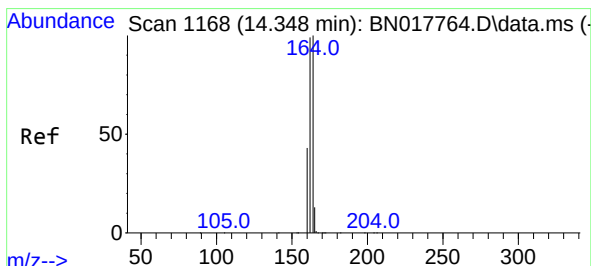
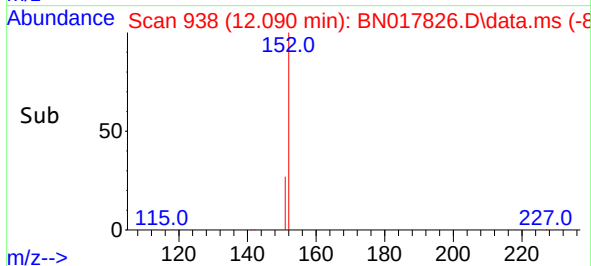
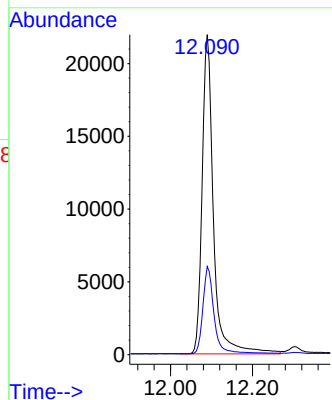
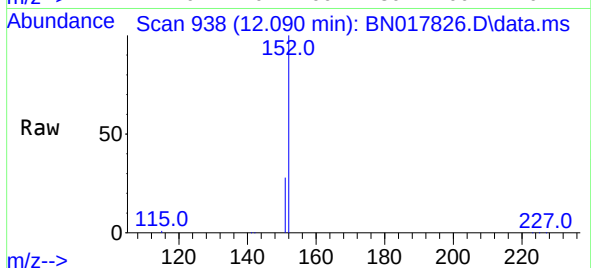
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Tgt Ion:152 Resp: 41974
Ion Ratio Lower Upper
152 100
151 27.2 16.4 24.6

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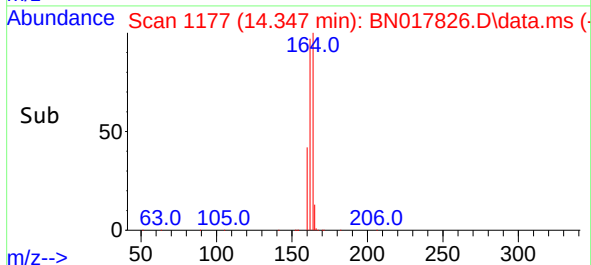
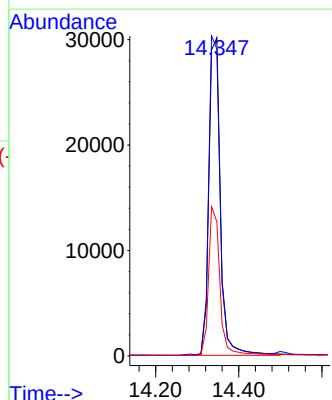
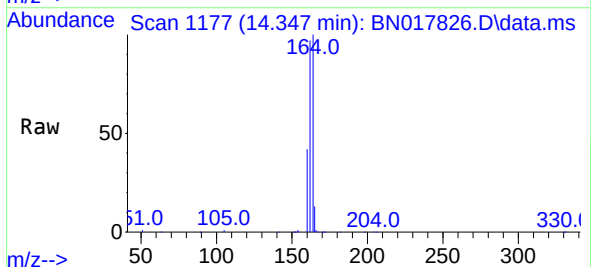
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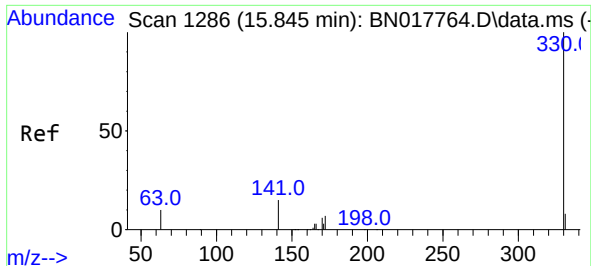
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#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.347 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BN017826.D
Acq: 09 Dec 2021 08:46

Tgt Ion:164 Resp: 57743
Ion Ratio Lower Upper
164 100
162 96.5 79.0 118.6
160 42.2 34.6 52.0





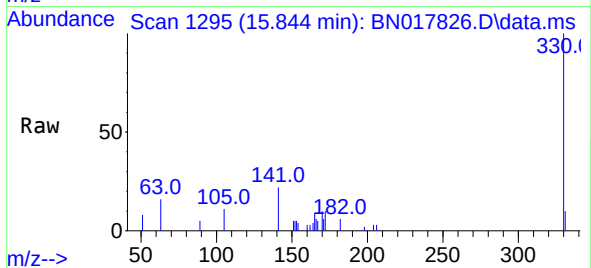
#14
2,4,6-Tribromophenol
Concen: 0.201 ng
RT: 15.844 min Scan# 1068
Delta R.T. -0.000 min
Lab File: BN017826.D
Acq: 09 Dec 2021 08:46

Instrument :

BNA_N

ClientSampleId :

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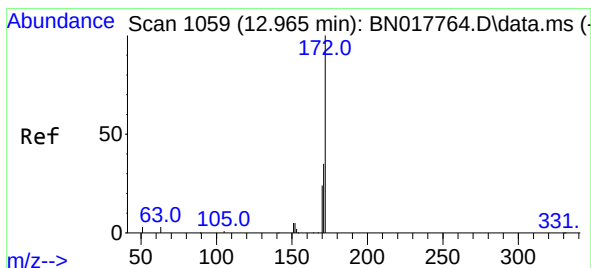
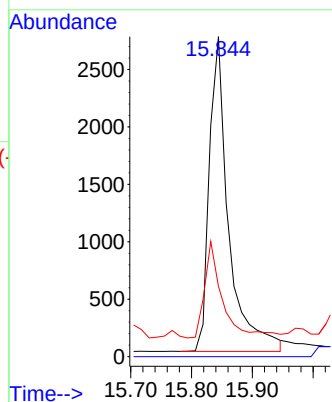


Tgt Ion:330 Resp: 605
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 28.5 21.5 32.3

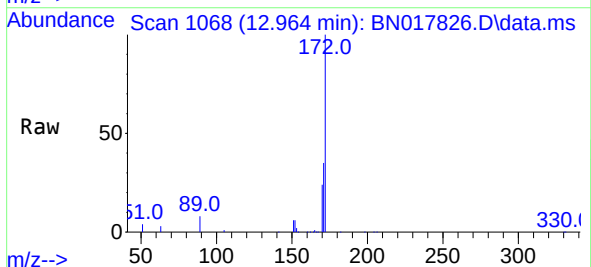
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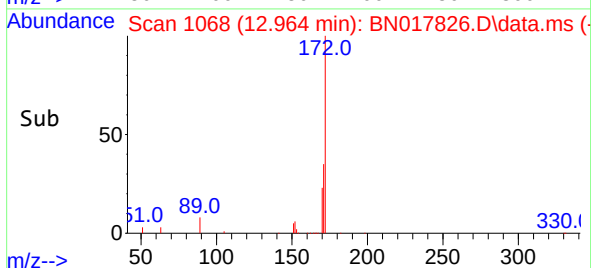
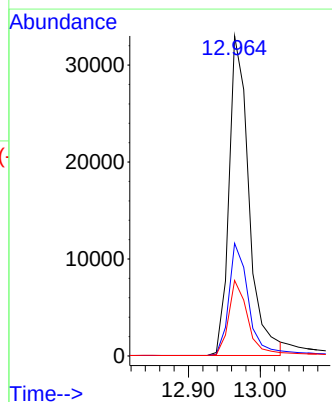
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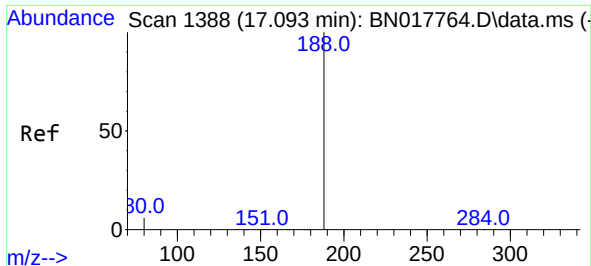


#15
2-Fluorobiphenyl
Concen: 0.300 ng
RT: 12.964 min Scan# 1068
Delta R.T. -0.000 min
Lab File: BN017826.D
Acq: 09 Dec 2021 08:46



Tgt Ion:172 Resp: 63468
Ion Ratio Lower Upper
172 100
171 35.2 28.1 42.1
170 23.6 18.9 28.3





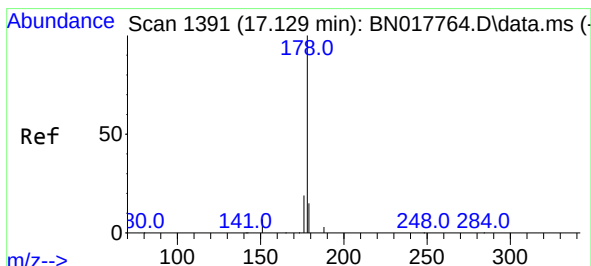
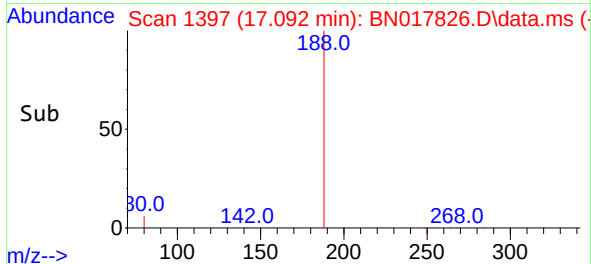
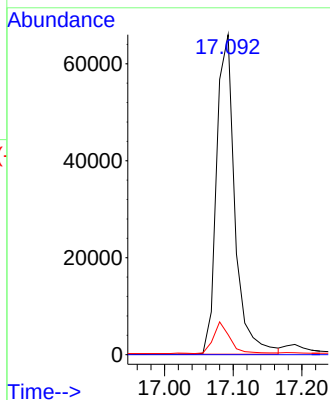
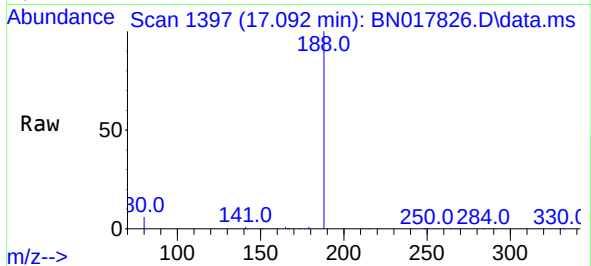
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Phenanthrene-d10
Concen: 0.400 ng
RT: 17.092 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN017826.D
Acq: 09 Dec 2021 08:46

Instrument :
BNA_N
ClientSampleId :
DUP06-20211130

Tgt Ion:188 Resp: 121978
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.3 5.1 7.7

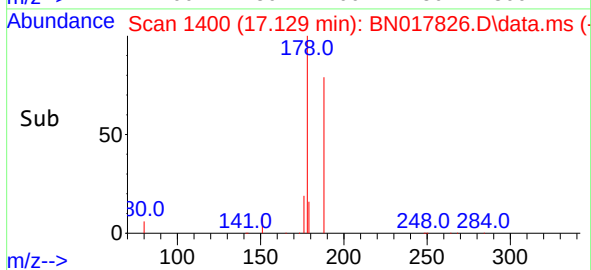
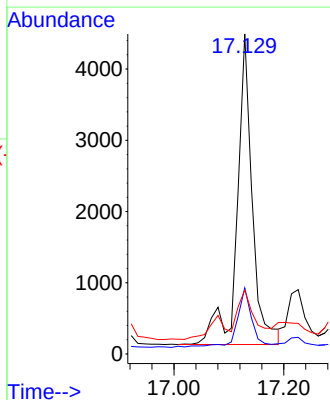
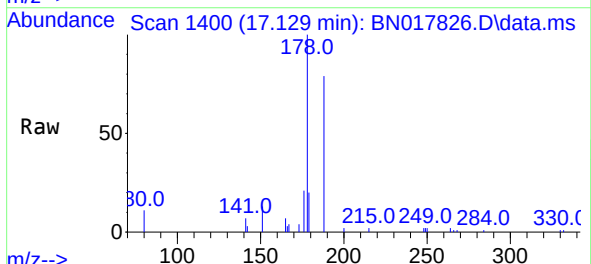
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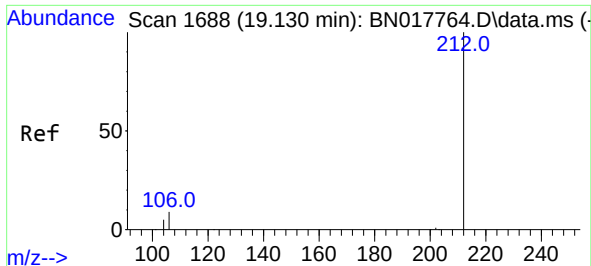
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#25
Phenanthrene
Concen: 0.026 ng
RT: 17.129 min Scan# 1400
Delta R.T. -0.000 min
Lab File: BN017826.D
Acq: 09 Dec 2021 08:46

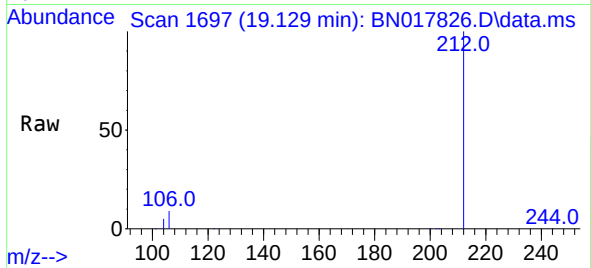
Tgt Ion:178 Resp: 8358
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.6
179 14.3 12.5 18.7





#27
Fluoranthene-d10
Concen: 0.352 ng
RT: 19.129 min Scan# 1688
Delta R.T. -0.000 min
Lab File: BN017826.D
Acq: 09 Dec 2021 08:46

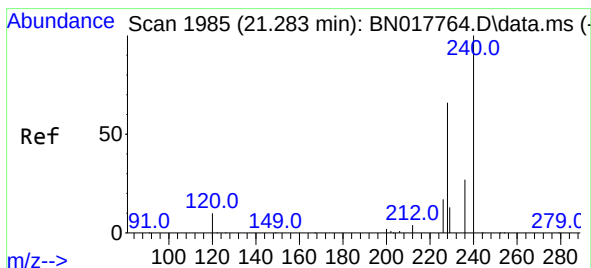
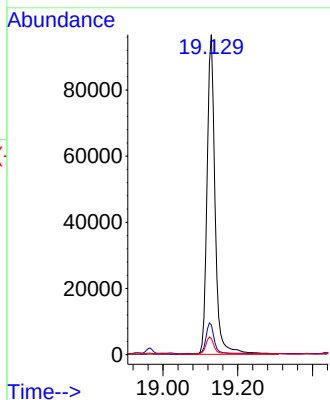
Instrument :
BNA_N
ClientSampleId :
DUP06-20211130



Tgt Ion:212 Resp: 14368
Ion Ratio Lower Upper
212 100
106 9.4 8.2 12.2
104 5.7 4.6 6.8

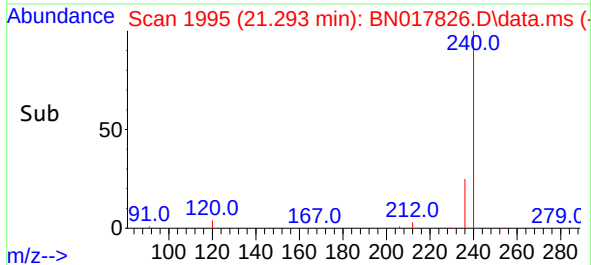
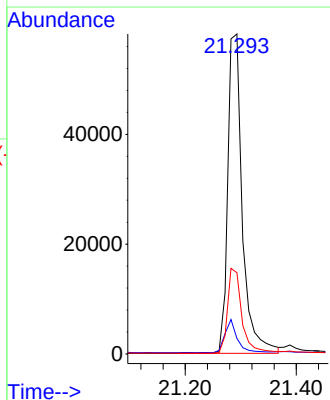
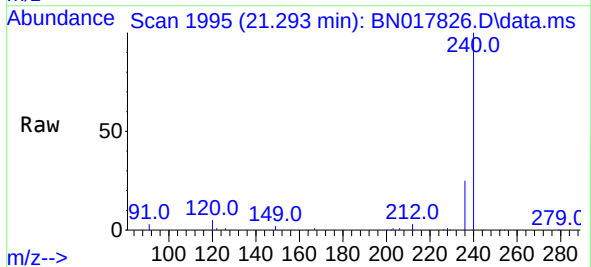
Manual Integrations
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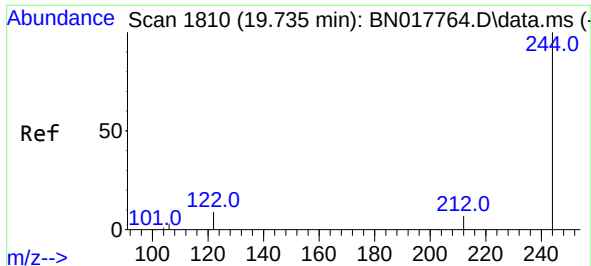
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Supervised By :mohammad ahmed 12/15/2021



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.293 min Scan# 1995
Delta R.T. 0.010 min
Lab File: BN017826.D
Acq: 09 Dec 2021 08:46

Tgt Ion:240 Resp: 105623
Ion Ratio Lower Upper
240 100
120 4.8 7.9 11.9#
236 25.4 21.4 32.2





#31
Terphenyl-d14
Concen: 0.520 ng
RT: 19.730 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN017826.D
Acq: 09 Dec 2021 08:46

Instrument :

BNA_N

ClientSampleId :

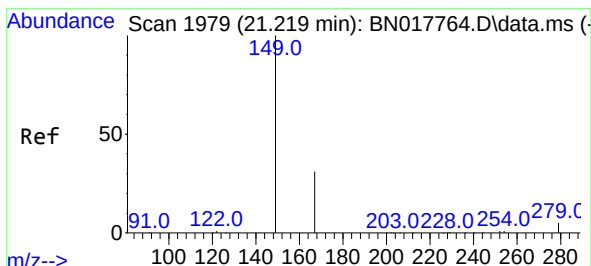
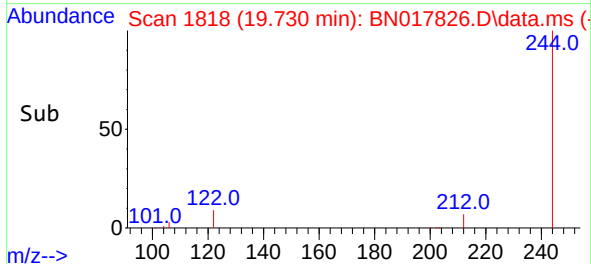
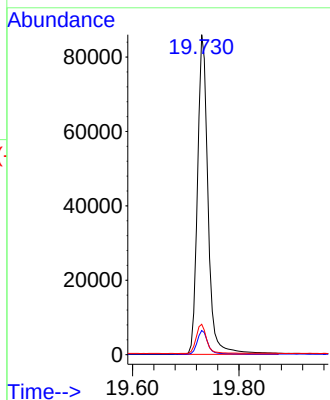
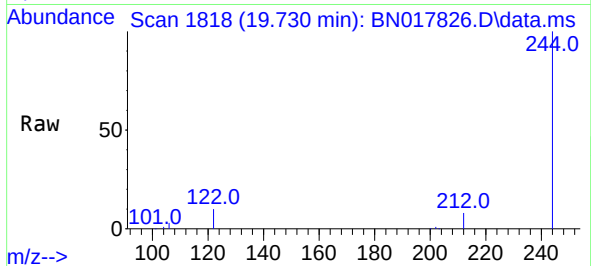
DUP06-20211130

Tgt Ion:244 Resp: 117904
Ion Ratio Lower Upper
244 100
212 7.5 5.8 8.8
122 9.5 7.1 10.7

Manual Integrations

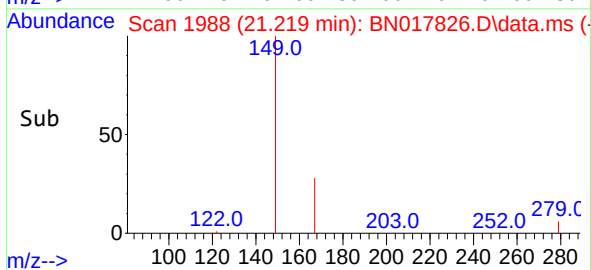
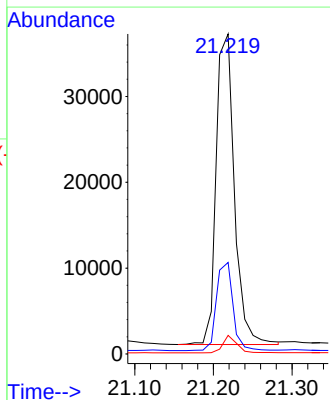
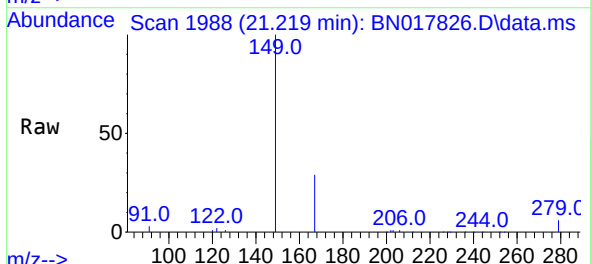
APPROVED

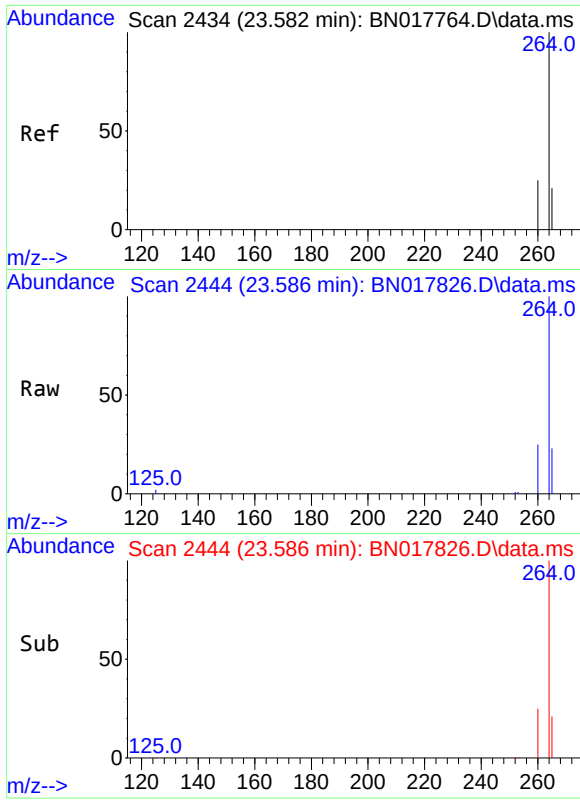
Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :mohammad ahmed 12/15/2021



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.394 ng
RT: 21.219 min Scan# 1988
Delta R.T. -0.000 min
Lab File: BN017826.D
Acq: 09 Dec 2021 08:46

Tgt Ion:149 Resp: 58106
Ion Ratio Lower Upper
149 100
167 25.6 23.5 35.3
279 4.3 3.8 5.6





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.586 min Scan# 24
Delta R.T. 0.003 min
Lab File: BN017826.D
Acq: 09 Dec 2021 08:46

Instrument :
BNA_N
ClientSampleId :
DUP06-20211130

Tgt Ion:264	Resp:	79849
Ion Ratio	Lower	Upper
264	100	
260	25.1	20.0 30.0
265	23.3	20.5 30.7

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :mohammad ahmed 12/15/2021

